Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number CLAIMS AS FILED - PART I OTHER THAN SMALL ENITTY OR (Column 1) (Column 2) SMALL ENTITY FOR NUMBER FILED NUMBER EXTRA RATE FEE RATE FEE **BASIC FEE** (37 CFR 1.16(a)) OR TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 = -0 OR INDEPENDENT CLAIMS minus 3 = -0 (37 CFR L16(b)) MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) OR * If the difference in column 1 is less then zero, enter "0" in column 2 TOTAL OR 160 TOTAL CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY (Column 1) OR (Column 2) (Column 3) SMALL ENTITY **CLAIMS** HIGHEST REMAINING ADDI-ADDI-NUMBER PRESENT RATE **AFTER** TIONAL PREVIOUSLY RATE TIONAL. EXTRA-AMENDMENT FEE PAID FOR FEE Total Minus OR (37 CFR 1.16(c)) Independent OR Minus (07 CFR 1.16(b)) OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR G TOTAL. TOTAL OR (Column 1) (Column 2) (Column 3) ADDIT. FEE ADDIT. FEE **CLAIMS** HIGHEST REMAINING ADDI-ADDI-NUMBER PRESENT RATE TIONAL **AFTER** TIONAL RATE PREVIOUSLY **EXTRA** AMENDMENT FEE **FEE** PAID FOR **Total** (37 CFR 1.16(c)) Minus OR = Independent OR *** Minus OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR TOTAL TOTAL OR (Column 1) ADDIT, FEE (Column 2) (Column 3) ADDIT. FEE **CLAIMS** HIGHEST ADDI-REMAINING ADDI-NUMBER AMENDMENT PRESENT RATE **AFTER** TIONAL **RATE** TIONAL PREVIOUSLY **EXTRA** AMENDMENT FEE PAID FOR FEE Total Minus (37 CFR 1.16(c)) OR = Independent OR (37 CFR 1.16(b)) Minus OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL OR ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". ADDIT. FEE ADDIT. FEE *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Patents, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective JANUARY, 2003

09/280435	19/2	80×35
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CLAIMS AS FILED - PART I (Column 1) (Column 2)						SMALL ENTITY TYPE			OTHER THAN R SMALL ENTITY				
TC	TAL CLAIMS							RATE	FEE]	RATE	FEE	
FOR		NUMBER FILED		NUMB	NUMBER EXTRA		BASIC FEE	37 5 :00	OR	BASIC FEE	20.00		
TC	TAL CHARGEA	BLE CLAIMS	minus 20= *		*			X\$ 9=		OR.	X\$18=		
INE	EPENDENT CL	AIMS	mi	nus 3 =	nus 3 = *			X42=		OR	X84=		
MULTIPLE DEPENDENT CLAIM PRESENT							+140=		OR	+280=			
* If the difference in column 1 is less than zero, enter "0" in column 2							TOTAL		OR	TOTAL	110		
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)						SMALL E	ENTITY	OR	OTHER SMALL I				
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO PAID	BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDW	Total	· 16	Minus	** (<i>[</i>]	=		X\$ 9=		OR	X\$18=		
AME	Independent	* 6	Minus	***	G AIM	= -		X42=	·	OR	X84_		
	FIRST PRESE	NIATION OF MI	JETIPLE DEF	- ENDEN	CLAIM		J .	+140=		OR	+280=		
					J			TOTAL		OR	TOTAL ADDIT. FEE		
		(Oaluma 4)		(Colu	mn 2)	(Column 3)		ADDIT. FEE	·	1	ADDII. FEET	<u> </u>	
AMENDMENT B		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO	IEST BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
DME	Total	*	Minus	**		=		X\$ 9=		OR	X\$18=		
MEN	Independent	*	Minus	***		=		X42=		OR	X84=		
	FIRST PRESE	NTATION OF M	JLTIPLE DEF	PENDENT	CLAIM		۱ ا	+140=		OR	+280=		
								TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE		
		(Column 1)		(Colui	mn 2)	(Column 3)		ADDII. I EE =					
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO PAID	BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	*	Minus	**		=		X\$ 9=		OR	X\$18=		
ME	Independent	*	Minus	***]=-		X42=		OR	X84=		
Ļ	FIRST PRESE	NTATION OF MI	JLTIPLE DEF	PENDEN	CLAIM		┙╽	+140=		OR	+280=	·	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.							L	TOTAL		00	TOTAL		
**	If the "Highest Nu	mber Previously Pa	aid For IN THI	S SPACE (S SPACE	** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.								

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Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

280435

CLAIMS AS FILED - PART I (Column 1) (Column 2)							SMALL ENTITY TYPE		OR	OTHER THAN R SMALL ENTITY	
FC	FOR NUMBER FILED NUMBER E		EXTRA	RA	TE	FEE		RATE	FEE		
BASIC FEE			<u> </u>		۰		380.00	OR		760.00	
TOTAL CLAIMS minus 20= *				*		X\$	9=		OR	X\$18=	
	EPENDENT CL		*	*			:	OR	X78=		
MULTIPLE DEPENDENT CLAIM PRESENT						+13	30=		OR	+260=	
* If the difference in column 1 is less than zero, enter "0" in column 2						TO:	TAL		OR	TOTAL	7200
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)						SM	SMALL ENTITY OR			OTHER THAN SMALL ENTITY	
AMENDMENT A	1/8/08	CLAIMS REMAINING AFTER AMENDMENT	Р	HIGHEST NUMBER REVIOUSLY PAID FOR	PRESENT EXTRA	RA	TE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDM	Total	.40	Minus **	30	= 30	X\$	9=		OR	X\$18=	360
AME	Independent	* Q	Minus ** JLTIPLE DEPEN		= (0	ХЗ	9=		OR	X98=	504
	FIRST PRESE	NIATION OF MU	JUIPLE VEPEN	DENT CLAIM		+13	30=		OR	7+260≠	,
			•	. •	•	T ADDIT	OTAL FEE		OR(TOTAL ADDIT LES	804
(Column 1) (Column 2) (Column 3)									YW		
AMENDMENT B	NE PROPERTY OF THE PROPERTY OF	CLAIMS REMAINING AFTER AMENDMENT	F	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RA	ΙΈ	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	· \$	Minus **		=	X\$	9=		OR	X\$18=	
AME	Independent	*		ENT CLAIM	=	ХЗ	9=		OR	X78=	
\vdash	FIRST PRESE	NIATION OF MI	ULTIPLE DEPEN	IDENT CLAIM		+10	30=		OR	+260=	
						T ADDI1	OTAL FEE			TOTAL ADDIT. FEE	
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RA	TE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NOW	Total	*	Minus **	*	=	X\$	9=		OR	X\$18=	<u></u>
ME	Independent	*		**	=	ХЗ	9=		OR	X78=	
Ë	FIRST PRESE	NTATION OF M	ULTIPLE DEPEN	IDENT CLAIM		1 1	30=		1	+260=	
	If the entry in colu	ımn 1 is less than t	he entry in column	2, write "0" in co	olumn 3.	<u> </u>	OTAL	<u> </u>	OR	TOTAL	
**	** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										